

¹⁰⁰Sn

The discovery of ¹⁰⁰Sn was presented in “Production and Identification of ¹⁰⁰Sn” by Schneider et al. in 1994 ([1994Sc22](#)). ¹⁰⁰Sn was produced from a beryllium target bombarded by a 1095 A·MeV ¹²⁴Xe beam from the heavy-ion synchrotron SIS at GSI, Darmstadt. The products were separated with the fragment separator FRS and identified in flight by recording magnetic rigidity, multiple time-of-flights, and energy. “The individual isotopes are clearly resolved. We attribute 7 events to the isotope ¹⁰⁰Sn.” It should be mentioned that Lewitowicz et al. ([1994Le27](#)) submitted their observation of ¹⁰⁰Sn less than two months after Schneider et al..

Adapted from reference ([2011Am01](#))

- [1994Le27](#) M. Lewitowicz, R. Anne, G. Auger, D. Bazin *et al.*, Phys. Lett. B **332**, 20 (1994).
[1994Sc22](#) R. Schneider, J. Friese, J. Reinhold, K. Zeitelhack *et al.*, Z. Phys. A **348**, 241 (1994).
[2011Am01](#) S. Amos, J. L. Gross, and M. Thoennessen, At. Data Nucl. Data Tables **97**, 383 (2011).

Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:[10.11578/frib/2279152](https://doi.org/10.11578/frib/2279152)”